

**CLAIMS**

1. A differential signal transmission cable, comprising:  
a plurality of stranded cores, each comprising an inner conductor covered with an insulation;

an outer conductor being spirally wrapped around the plurality of stranded cores in the opposite direction to a stranding direction of the cores; and

a sheath provided around the outer conductor, where the diameter of the cable is 1.0 mm or less.

2. The differential signal transmission cable according to claim 1, wherein:

said plurality of stranded cores comprise four stranded cores.

3. The differential signal transmission cable according to claim 1, wherein:

the stranding pitch of said cores is not more than forty times the layered core diameter.

4. The differential signal transmission cable according to claim 1, wherein:

said inner conductors use silver-plated copper alloy stranded wires with a wire diameter of 0.05 mm or less.

5. The differential signal transmission cable according to claim 1, wherein:

said insulation uses fluorocarbon resin.

6. The differential signal transmission cable according

to claim 1, wherein:

said outer conductor uses silver-plated copper alloy stranded wires with a wire diameter of 0.05 mm or less.

7. The differential signal transmission cable according to claim 1, wherein:

said sheath is made of a fluorocarbon resin or a laminate of a copper-plated polyester tape and a polyester tape.

8. The differential signal transmission cable according to claim 1, wherein:

when said cores are stranded, polyester filler is located at the center.

9. The differential signal transmission cable according to claim 1, wherein:

when said cores are stranded, a polyester tape, or a copper-metalized or plated polyester tape is wrapped for holding shape after the stranding.

10. The differential signal transmission cable according to claim 1, wherein:

said cable is used in transmitting image signals of liquid crystal displays of mobile phones.